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transgenic plants.

Various techniques known to those skilled in the art, such as haploid, transformation, and a host of other conventional and unconventional methods are within the scope of the invention. All plants and plant cells produced using inbred corn line G3601 are within the scope of this invention. The invention encompasses the inbred corn line used in crosses with other, different, corn inbreds to produce (F1) corn hybrid seeds and hybrid plants. This invention includes cells, which upon growth and differentiation produce corn plants having the physiological and morphological characteristics of the inbred line G3601.

A deposit of at least 2500 seeds of this invention ~~will be~~ is maintained by the American Type Culture Collection (ATCC) Garst Seed Company, 2369 330th Street, Slater, Iowa 50244. Access to seeds ~~this deposit will be~~ available during the pendency of this application to the Commissioner of Patents and Trademarks and persons determined by the Commissioner to be entitled thereto upon request. All restrictions on availability to the public of such material will be removed upon issuance of a granted patent of this application by depositing at least 2500 seeds of this invention at the American Type Culture Collection at(ATCC), 10801 University Boulevard, Manassas, Va. 20110. The date of deposit was ~~XXXX~~ June 21, 2004 and the seeds were tested and found to be viable on June 30, 2004. The ATCC accession number is PTA-6094.. ~~The deposit of at least 2500 seeds will be from the same inbred seed taken from the deposit maintained by Garst Seed Company.~~ The ATCC deposit will be maintained in that depository, which is a public depository, for a period of 30 years, or 5 years after the last request, or for the effective life of the patent, whichever is longer, and will be replaced if it becomes nonviable during that period.

Additional public information on some ZS designations may be available from the PVP office a division of the US government.